



DEFENSE LOGISTICS AGENCY
LAND AND MARITIME
POST OFFICE BOX 3990
COLUMBUS, OH 43218-3990

December 16, 2013

Mr. Mark McNulla
Aeroflex-Metelics
9 Hampshire Street
Lawrence, MA 01840

Dear Mr. McNulla:

Re: Notification of Qualification MIL-PRF-19500P, FSC 5961; VQ (VQE-14-027337)
CAGE Code: 52GC4 Control Number: 041300

Qualification of your product is granted under the current issue of the specification as a result of successful qualification testing of device type JANTXV1N3035B-1 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /115 Rev N. Extension is also granted to other devices listed below as allowed by E 4.2.2 (Qualification by extension). Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification is December 5, 2013. The starting lot date code is A1246.

Thermal Conditions (subject to change after 5 lots with approval from the qualifying activity)						
Package	I _M	I _H	t _H	t _{MD}	Z _{θJX} (Screening)	Z _{θJX} (QCI)
Similar to DO-35	10 mA	1 A	10 msec	70 μs	9.0°C/W max	12.0°C/W max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
** 1N3016B-1 through 1N3045B-1; BUR-1	NS	CHRC	19500-4017-13	/115	Same as above
				Plant 2:	Aeroflex-Metelics East 55 Grenier Field Road Londonderry, NH 03053 (Wafer Fabrication)

** Includes JAN, JANTX & JANTXV quality levels only

This qualification approval is based upon test report numbers 19500-4017-13 for your die and package, your letter dated September 11, 2013 requesting qualification, and subsequent emails and data. This qualification is subject to the conditions as stated in the SD-6 and DOD 4120.24M.

Because we are held responsible for the accuracy and currency of this Qualified Manufacturers List, please let us know if your company discontinues production of these products. Also, manufacturers are required to inform this office immediately after learning of a potential issuance of a GIDEP alert, problem advisory, or other problem notification on their QML product. If you have any questions, please contact Mr. DelloStritto at 614-692-0616.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division

